

Listing of Claims:

1. (Currently Amended) A mobile communication system wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[[]], the mobile communication system comprising:

~~means~~ a unit for retaining a flag indicating whether the mobile router is active or not;

~~means~~ a unit for inquiring about routing address information for the mobile router based on ~~the~~ a value of the retained flag when paging is performed to at least one of the mobile ~~node~~ nodes; and

~~means~~ a unit for performing paging to the mobile node using the obtained routing address information as a result of the inquiry.

2. (Currently Amended) The mobile communication system according to claim 1[[]], further comprising ~~means~~ a unit for setting the flag to a first value indicating an active state in response to a first signal sent from the mobile node and indicating a start of communication, and setting the flag to a second value indicating a dormant state in response to a second signal sent from the mobile node and indicating an end of communication.

3. (Currently Amended) A mobile communication system wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[[]], the mobile communication system comprising:

a routing manager comprising:

a table for storing routing address information for the mobile router;

and

~~means~~ a unit for, when the routing address information for the mobile router in the table is updated, notifying the updated routing address information; and

a location manager comprising:

a table for storing the routing address information notified by the routing manager as location area information for the mobile router; and

~~means~~ a unit for performing paging to at least one of the mobile ~~node~~ nodes using the location area information stored in the table.

4. (Currently Amended) A location manager wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[;], the location ~~manger~~ manager comprising:

~~means~~ a unit for retaining a flag indicating whether the mobile router is active or not;

~~means~~ a unit for inquiring about routing address information for the mobile router based on ~~the~~ a value of the retained flag when paging is performed to at least one of the mobile ~~node~~ nodes; and

~~means~~ a unit for performing paging to the mobile node using the routing address information obtained as a result of the inquiry.

5. (Currently Amended) The location manager according to claim 4[;]] further comprising ~~means~~ a unit for setting the flag to a first value indicating an active state in response to a first signal sent from the mobile node and indicating a start of communication, and setting the flag to a second value indicating a dormant state in response to a second signal sent from the mobile node and indicating an end of communication.

6. (Currently Amended) A location manager wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[;]], the location ~~manger~~ manager comprising:

a table for storing routing address information for the mobile router, which is notified whenever the routing address information is updated, as location area information for the mobile router; and

~~means~~ a unit for performing paging to at least one of the mobile ~~node~~ nodes using the location area information stored in the table.

7. (Currently Amended) A routing manager used for a mobile communication system wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[[]], the routing manager comprising:

a table for storing routing address information for the mobile router; and

~~means~~ a unit for replying the routing address information stored in the table in response to an inquiry from a location manager about the routing address information for the mobile router.

8. (Currently Amended) A routing manager used for a mobile communication system wherein a mobile router moving with a plurality of mobile nodes performs location update of the mobile nodes on behalf of the mobile nodes[[]], the routing manager comprising:

a table for storing routing address information for the mobile router; and

~~means~~ a unit for, when the routing address information for the mobile router in the table is updated, notifying the updated routing address information to a location manager.